SYSTEM
CHOOSEN

TS SERIES
SYSTEM
HEAT TRANSFER
+SUMMER
+VENTILATION 3IN1
_____

PVS SYSTEM MAIN
BOX X1
V1.3

ACTIVED CARBON X1
OPTONAL USE
FOR ODOR
3-5 WEEKS

Y PEICE

DIFFUSER&
GRILLES

CHECK LIST

OUTLET_____

REF_____

S/N_____

PRE- WIRED
WALL MOUNT
_____

G4 FILTER X1
RECOMMEND
1 YEAR

INS

INSULATED DUCT

_____@____M

EGGCRATE
INTAKE
X_____

Y PEICE

AC

ACOUSTIC DUCT
SOUND SILENCER

_____@____M

ROUND DIFFUSER
X_____

ELECTRIC
DAMEPER

(ATTACH INLET)
1.SUMMER

(ATTACH INLET)
2.OTHERS

Y PEICE
151515_____

NUDE DUCT

_____@____M
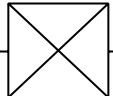
EXT GRILLES
X_____

3.ROOF SPACE

4. HEAT
TRANSFER

5.LIVINGROOM
RETURN

PVS TS SERIES SYSTEM
FUNCTION LAYOUT

Optional add on wind turbine for summer time, release heat from roof space .keep room more cool in summer shut off on winter

NO 3 DAMPER

NO 4 DAMPER

NO 1 DAMPER

NO 2 DAMPER

NO 5 DAMPER

SUMMERKITS INTAKE FRESH AIR

HEAT TRANSFER INLET (LIVING ROOM)

SUMMER KITS SUPPLY AIR (LIVING ROOM)

MASTER BEDROOM SUPPLY AIR

BEDROOM ONE SUPPLY AIR

BEDROOM TWO SUPPLY AIR

FIRE PLACE OR AIRCON
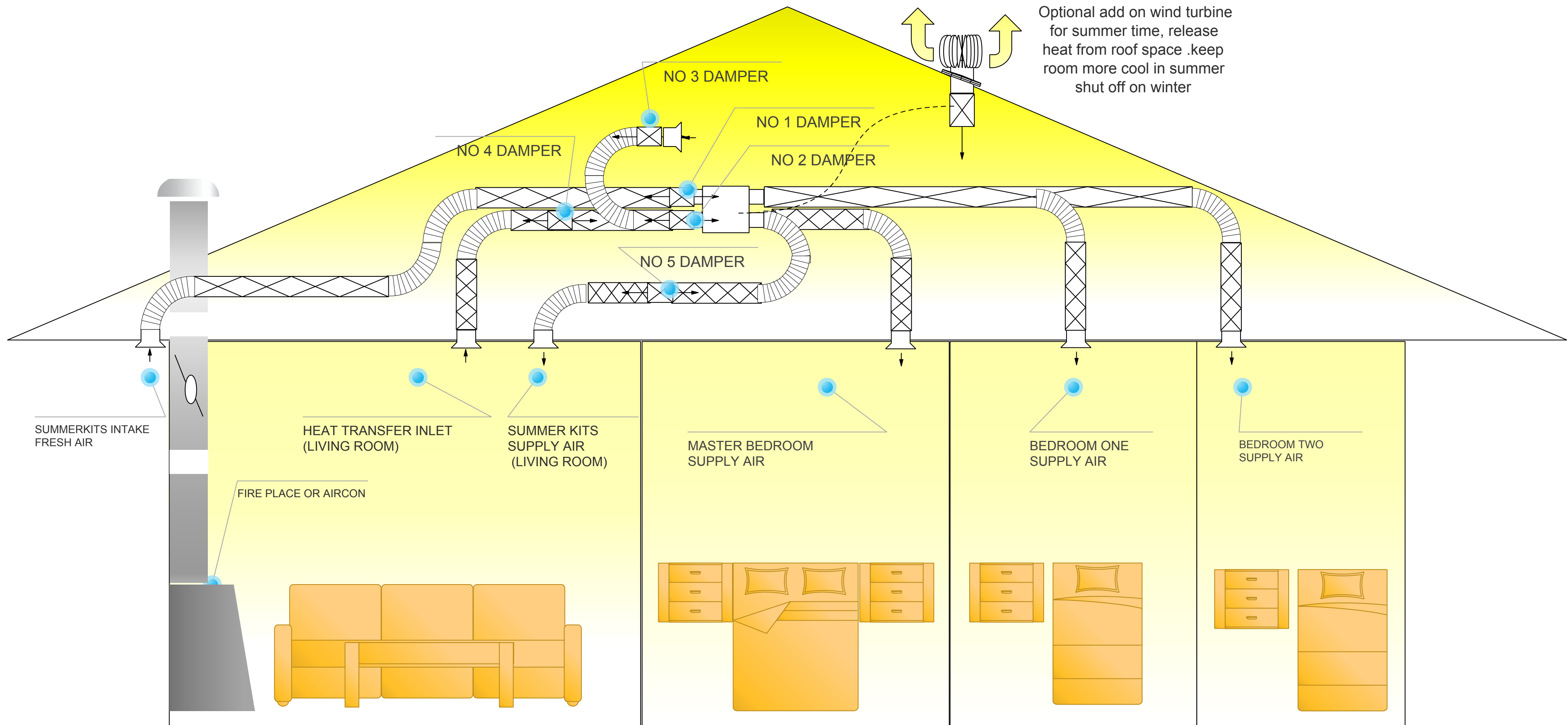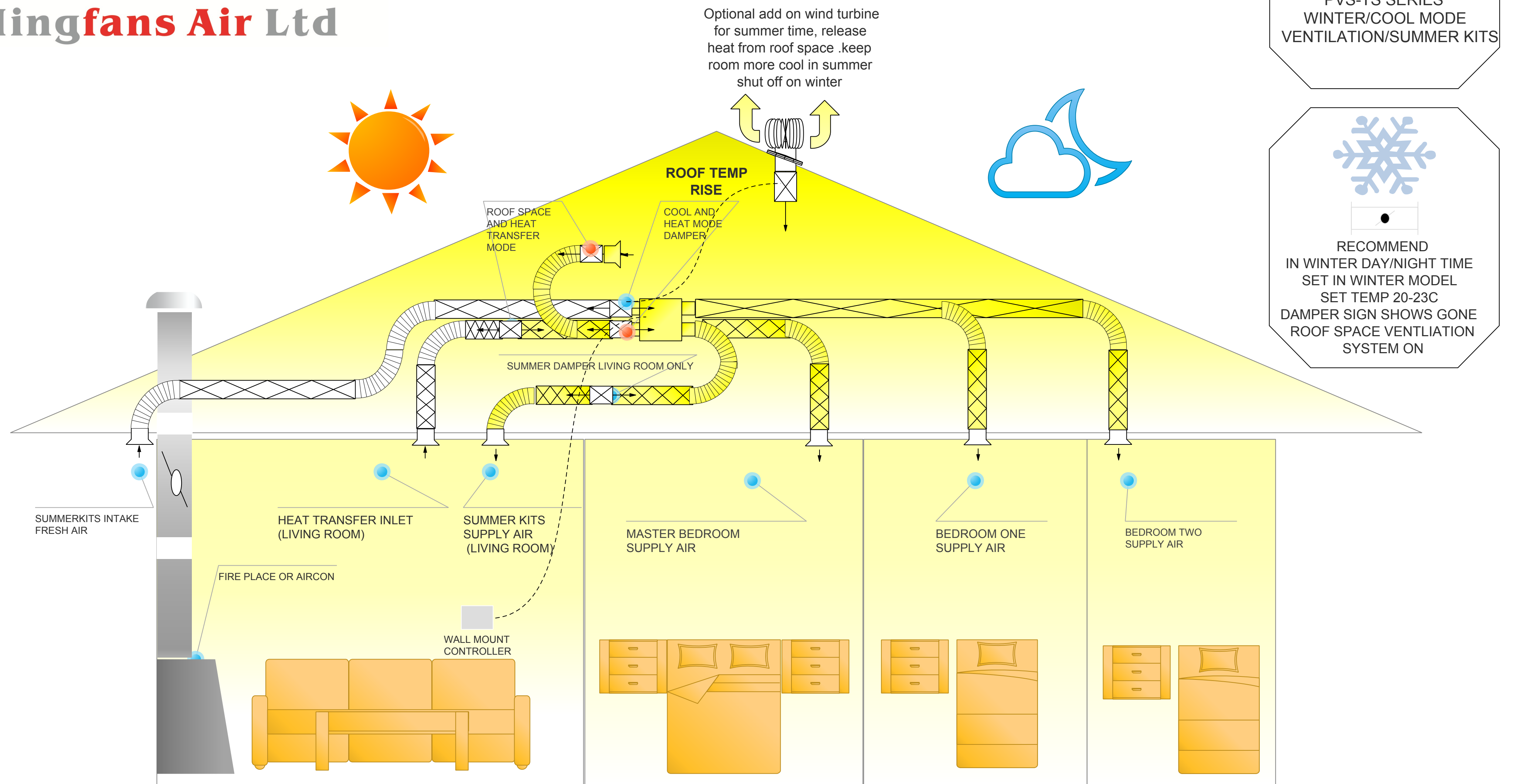
D1   D1 ELECTRIC DAMPER
SUMMERKITS FRESH AIR SUPPLY OUTSIDE

D2   D2 ELECTRIC DAMPER
VENTILATION/HEAT TRANSFR MODE OTHERS

D3   D3 ELECTRIC DAMPER
ROOF SPACE GRILLES

D4   D4 ELECTRIC DAMPER
HEAT TRANSFER GRILLES

D5   D5 ELECTRIC DAMPER
LIVING ROOM FRESH AIR SUPPLY
OPEN WHEN ROOF AND SUMMER KITS ON
CLOSE WHEN HEAT TRANSFER ON

INTAKE AIR EGGCRATE GRILLE
AND FRESH AIR GRILLE

SUPPLY AIR ROUND CEILING DIFFUSERS

PVS SYSTEM

SOUND PROVE ACUSTIC DUCTING
BETWEEN FAN
AND INSULATED DUCTING FOR
THE REST CONNECTION

Y PIECE FOR DIFFEENT OUTLET CONNECTION

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WINTER ROOF SPACE HEAT RECOVERY SYSTEM -FUNCTION LAYOUT

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Optional add on wind turbine for summer time, release heat from roof space .keep room more cool in summer shut off on winter

PVS-TS SERIES WINTER/COOL MODE VENTILATION/SUMMER KITS

RECOMMEND IN WINTER DAY/NIGHT TIME SET IN WINTER MODEL SET TEMP 20-23C DAMPER SIGN SHOWS GONE ROOF SPACE VENTLIATION SYSTEM ON

ROOF TEMP RISE

ROOF SPACE AND HEAT TRANSFER MODE

COOL AND HEAT MODE DAMPER

SUMMER DAMPER LIVING ROOM ONLY

SUMMERKITS INTAKE FRESH AIR

HEAT TRANSFER INLET (LIVING ROOM)

SUMMER KITS SUPPLY AIR (LIVING ROOM)

MASTER BEDROOM SUPPLY AIR

BEDROOM ONE SUPPLY AIR

BEDROOM TWO SUPPLY AIR

FIRE PLACE OR AIRCON

WALL MOUNT CONTROLLER

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![Mingfans Air Ltd logo]

SUMMER SYSTEM -FUNCTION LAYOUT

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PVS-TS SERIES
WINTER/COOL MODE
VENTILATION/SUMMER KITS

Optional add on wind turbine
for summer time, release
heat from roof space .keep
room more cool in summer
shut off on winter
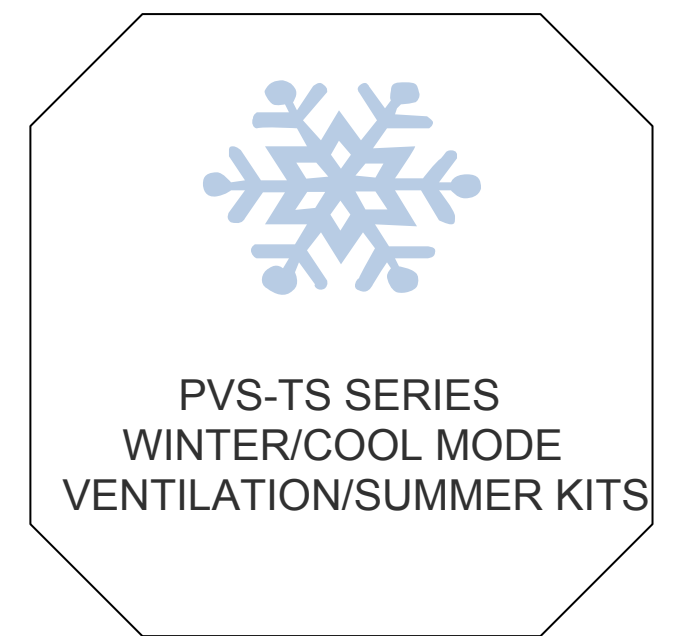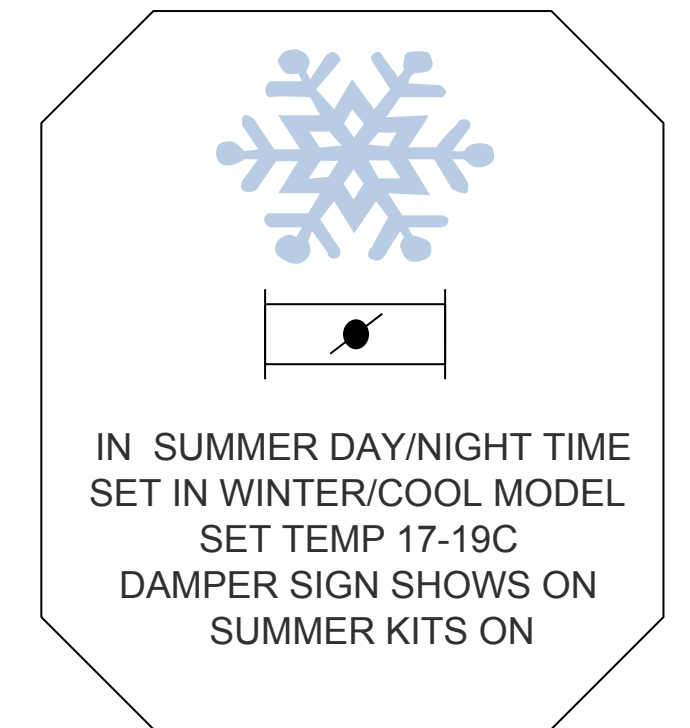
IN SUMMER DAY/NIGHT TIME
SET IN WINTER/COOL MODEL
SET TEMP 17-19C
DAMPER SIGN SHOWS ON
SUMMER KITS ON

ROOF TEMP 28C +

ROOF SPACE
AND HEAT
TRANSFER
MODE

COOL AND
HEAT MODE
DAMPER

SUMMER DAMPER LIVING ROOM ONLY

OUTSIDE 20-23C

SUMMERKITS INTAKE
FRESH AIR

HEAT TRANSFER INLET
(LIVING ROOM)

SUMMER KITS SUPPLY
AIR (LIVING ROOM)

BEDROOM SUPPLY AIR

BEDROOM SUPPLY AIR

BEDROOM SUPPLY AIR

FIRE PLACE OR AIRCON

WALL MOUNT
CONTROLLER

WWW.MINGFANS.CO.NZ
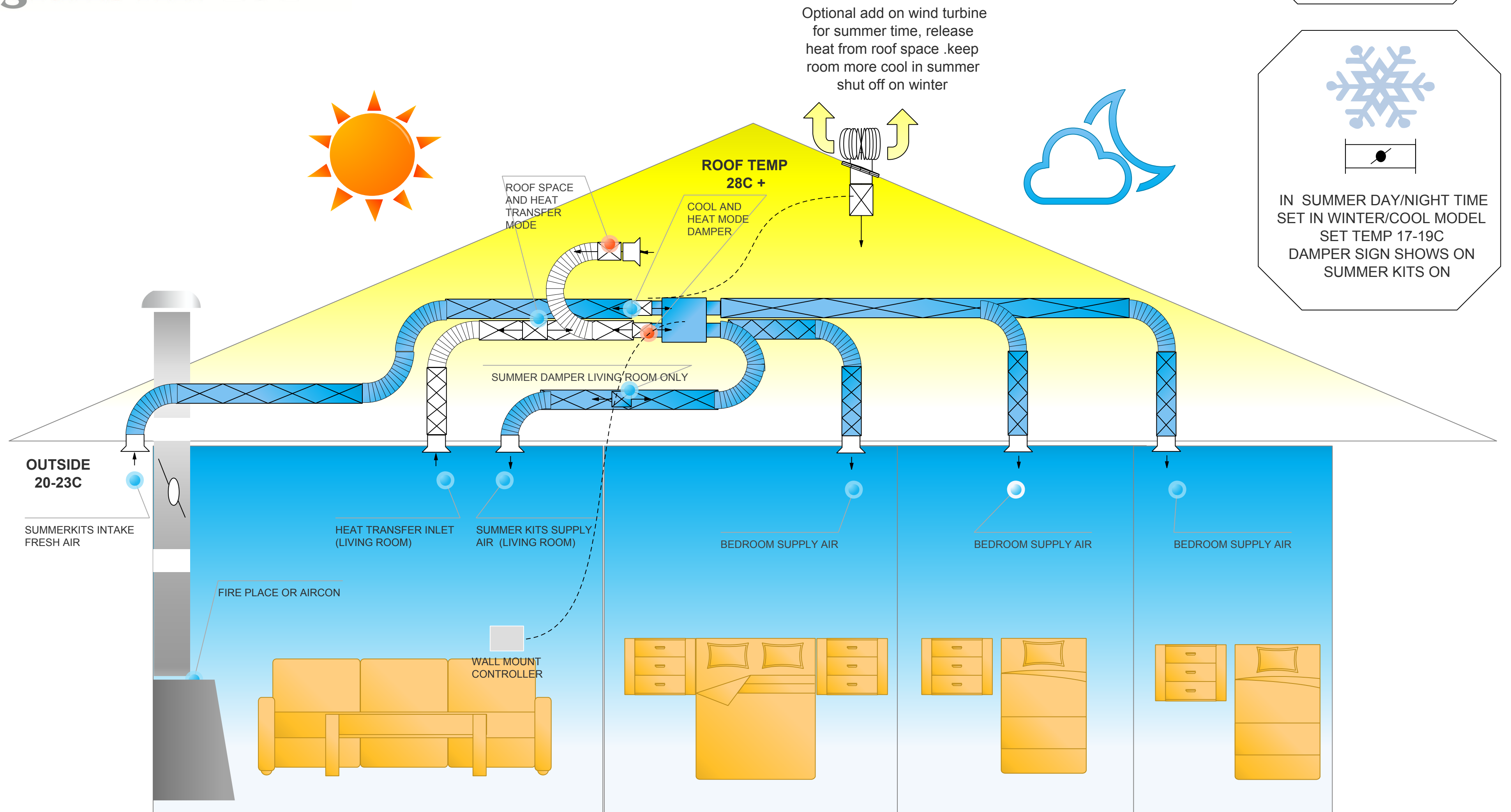
WINTER HEAT TRANSFER SYSTEM - FUNCTION LAYOUT

Mingfans Air Ltd

Optional add on wind turbine for summer time, release heat from roof space .keep room more cool in summer shut off on winter

DURING TO COLD TIME WHEN YOU CHOOSE TO USE HEAT TRANSFER MODE DURING WINTER DAY/NIGHT SET TO HEAT/SUN MODE-BY PUSH A MODE BOTTOM IN MIDDLE SET TEMP ABOVE ROOM TEMP 25-28+C DAMPER SIGN SHOWS ON HEAT TRANSFER ON

DAMPER SIGN GONE MEANS TEMP HAS REACH WHAT YOU NEED IT WILL AUTOMATCH SWITCH BACK TO ROOF SPACE VENTLIATION

ROOF SPACE AND HEAT TRANSFER MODE

COOL AND HEAT MODE DAMPER

SUMMER DAMPER LIVING ROOM ONLY

SUMMERKITS INTAKE FRESH AIR

HEAT TRANSFER INLET (LIVING ROOM)

SUMMER KITS SUPPLY AIR (LIVING ROOM)

MASTER BEDROOM SUPPLY AIR

BEDROOM ONE SUPPLY AIR

BEDROOM TWO SUPPLY AIR

FIRE PLACE OR AIRCON

WALL MOUNT CONTROLLER

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STEP 1 .
POSITION MOST OF ITEM IN ROOF
SPACE FAN MUST NOT INSTALL ON TOP
OF BEDROOM
RECOMMEND BATHROOM OR
PASSAGEWAY
FAN CAN BE SIT ON CEILING BATTEN
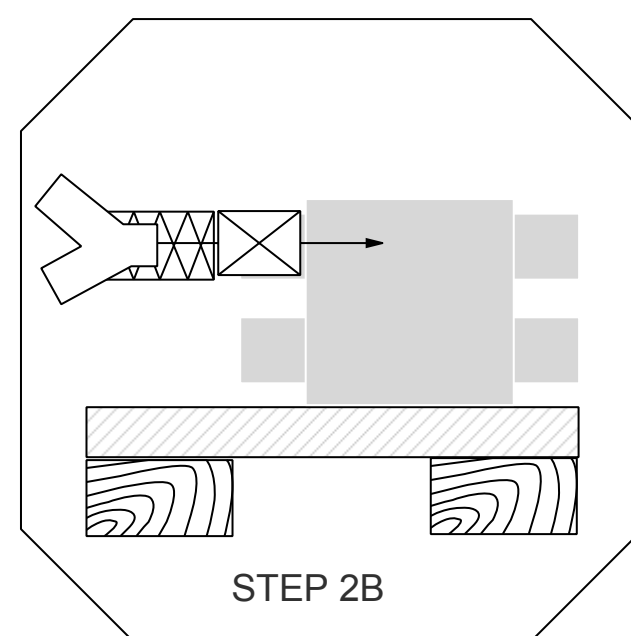RECOMMEND TAKE A WOODEN BOARD
BETWEEN BATTEN THEN SIT ON

STEP 1
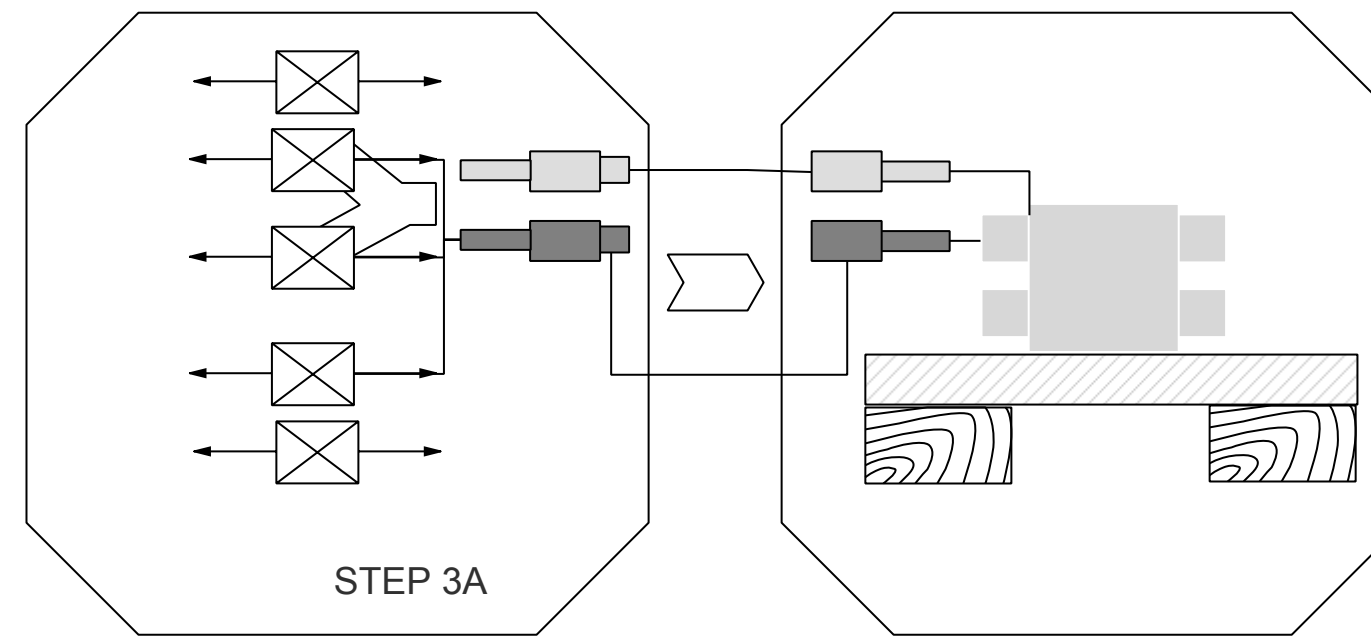
CONNECT UP ELECTRIC
DAMPER ALL PRE WIRED
CONNECT MALE AND FEMALE
PLUG POINT :BLACK TO
BLACK WHITE TO WHITE

THIS PLUG FOR ELECTRIC
DAMPER ONLY NOT POWER
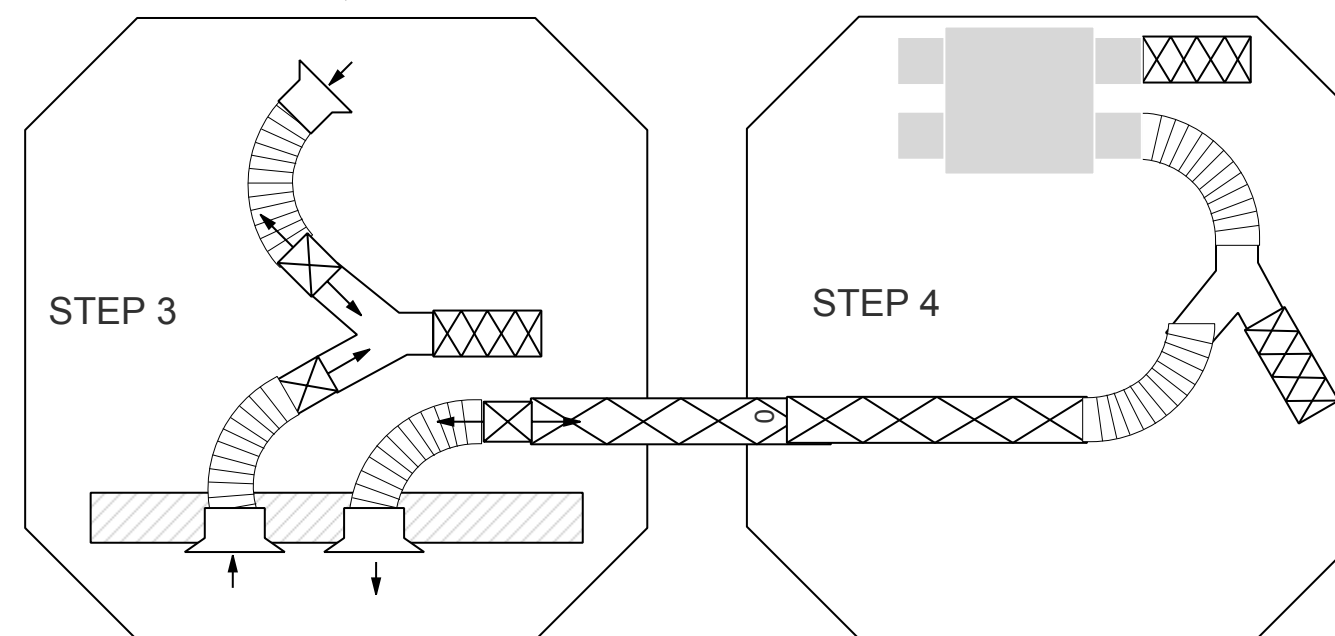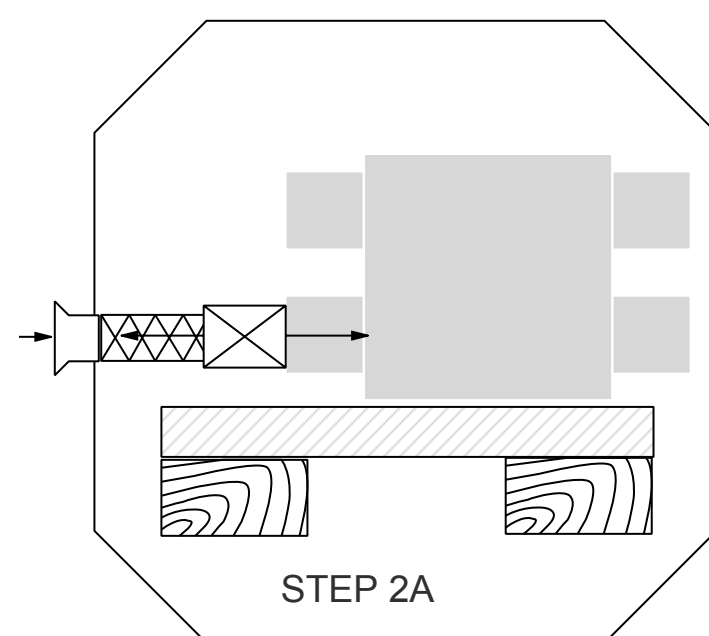POINT .WRONG CONNECT
WILL DAMAGE THE
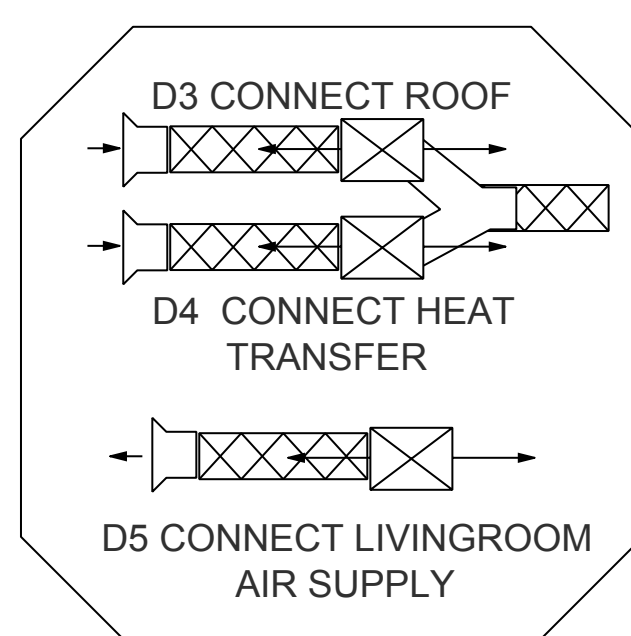CONTROLLER AND FAN

STEP 3A
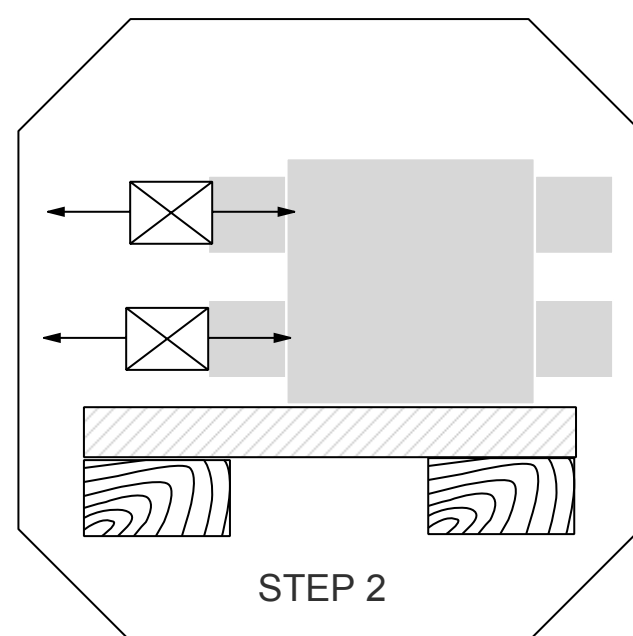
STEP 2

STEP 2B

STEP 3

STEP 4

CONNECT D1 AND D2
DIRECT TO PVS INLET

CONNECT TO ROOF GRILLE
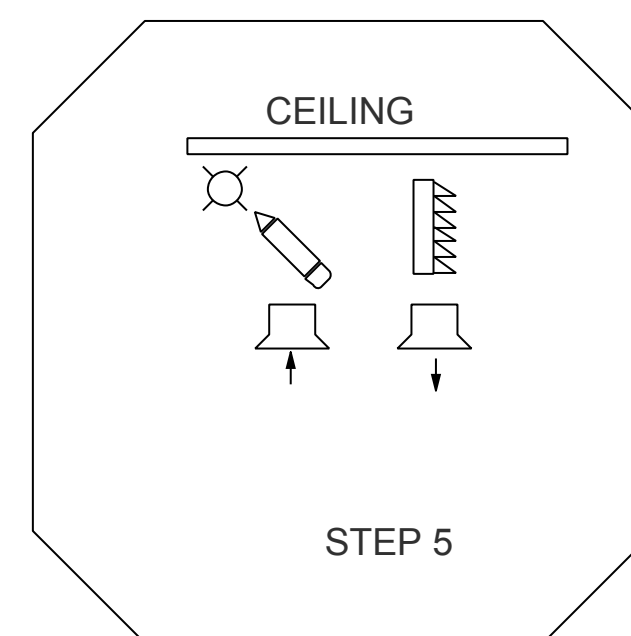AND HEAT TRANSFER
GRILLES AND LIVING ROOM
AIR SUPLLY

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D3 CONNECT ROOF

D4 CONNECT HEAT
TRANSFER

STEP 3

D5 CONNECT LIVINGROOM
AIR SUPPLY

STEP 2A

CONNECT
TO OUTSIDE

CONNECT Y PIECE
WITH ELECTRIC
DAMPER

CEILING

STEP 5

STEP 6

BLUE-2
BROWN LIVING-1
LOW-5
MED-4
HIGH-3

DAMPER WIRE
GREEN-8/WHITE-9/
ORANGE-6/GREY-7
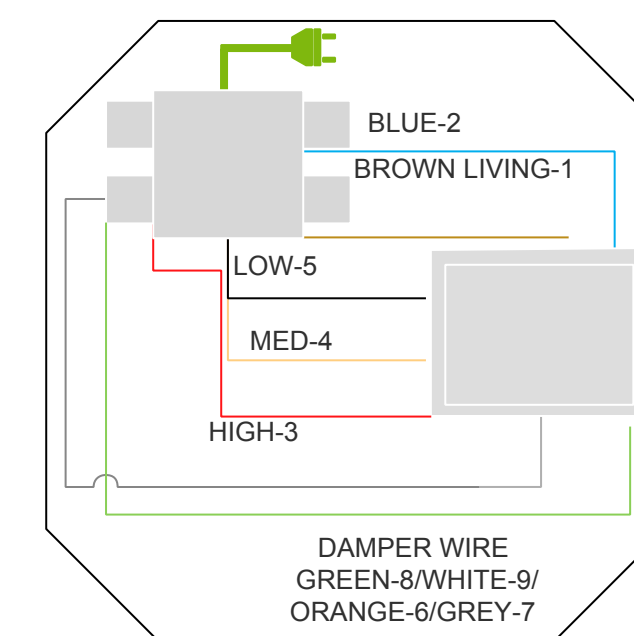
POSITION AND MARK OUT WITH
TEMP PLATE FOR HEAT
TRANSFER GRILLES AND AIR
SUPPLY GRILLES IN BED ROOM
AND LIVING ROOM
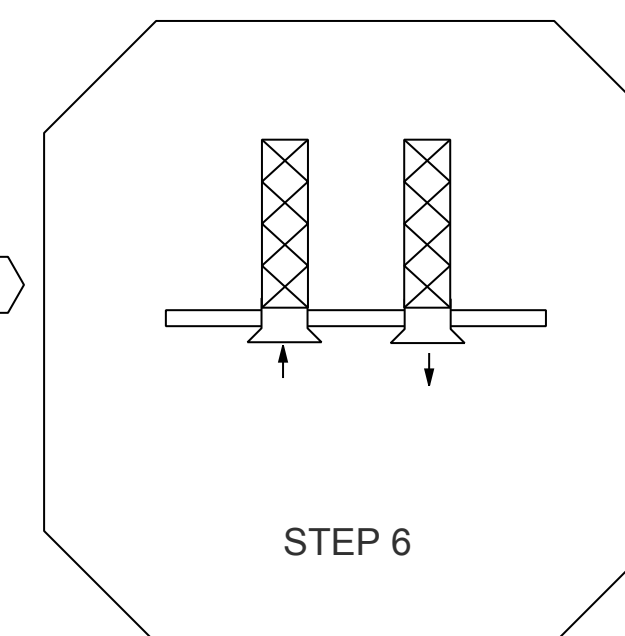
TAPE AND
FIT ALL
GRILLES IN
POSITION

PVS-TS SERIES
WALL MOUNT MODEL PREWIRE
AND TESTED CUTOFF WIRE AND
RE CONNECTED OR EXTEND
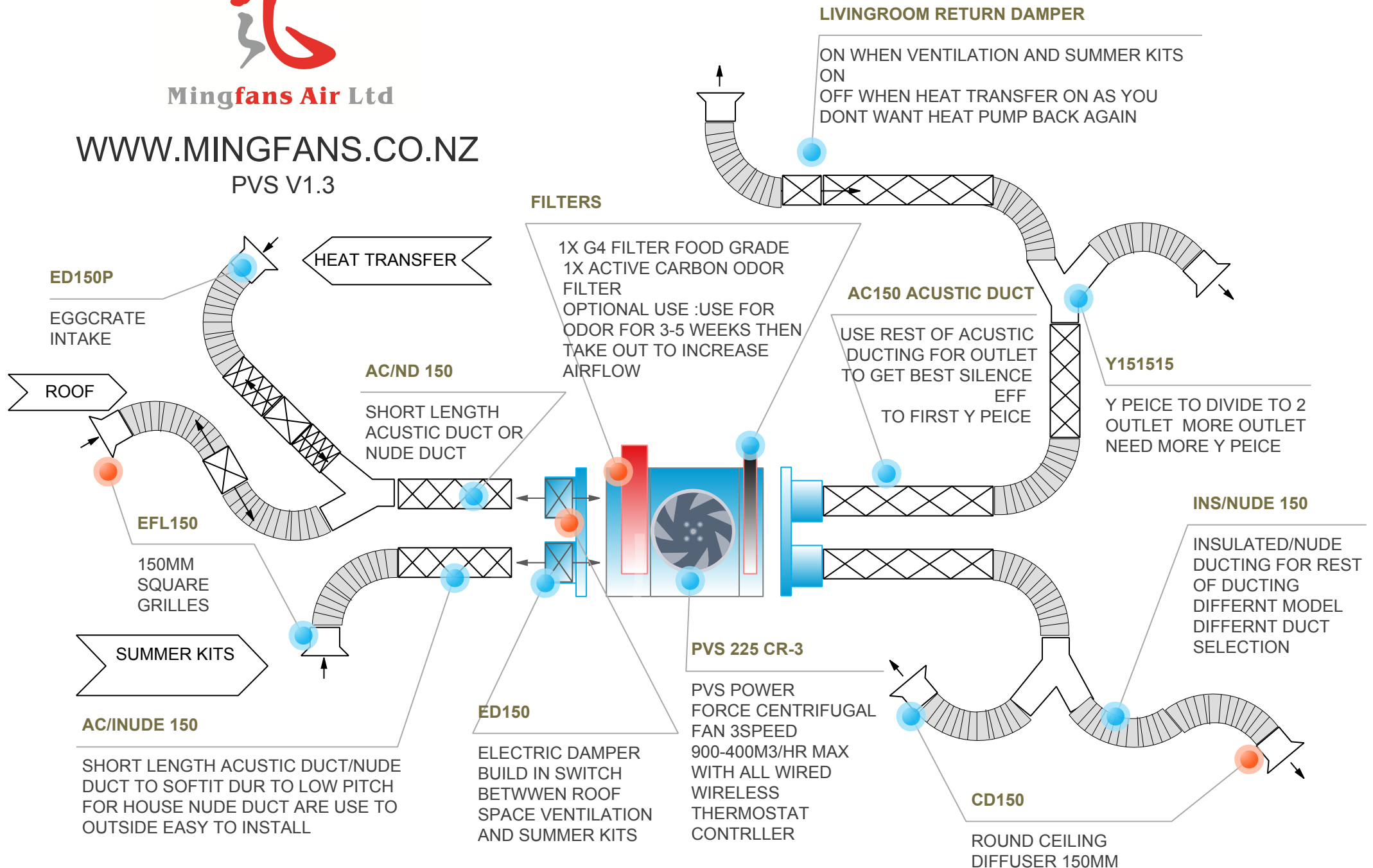LENGTH BY ELECTRIAN

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PVS V1.3

LIVINGROOM RETURN DAMPER
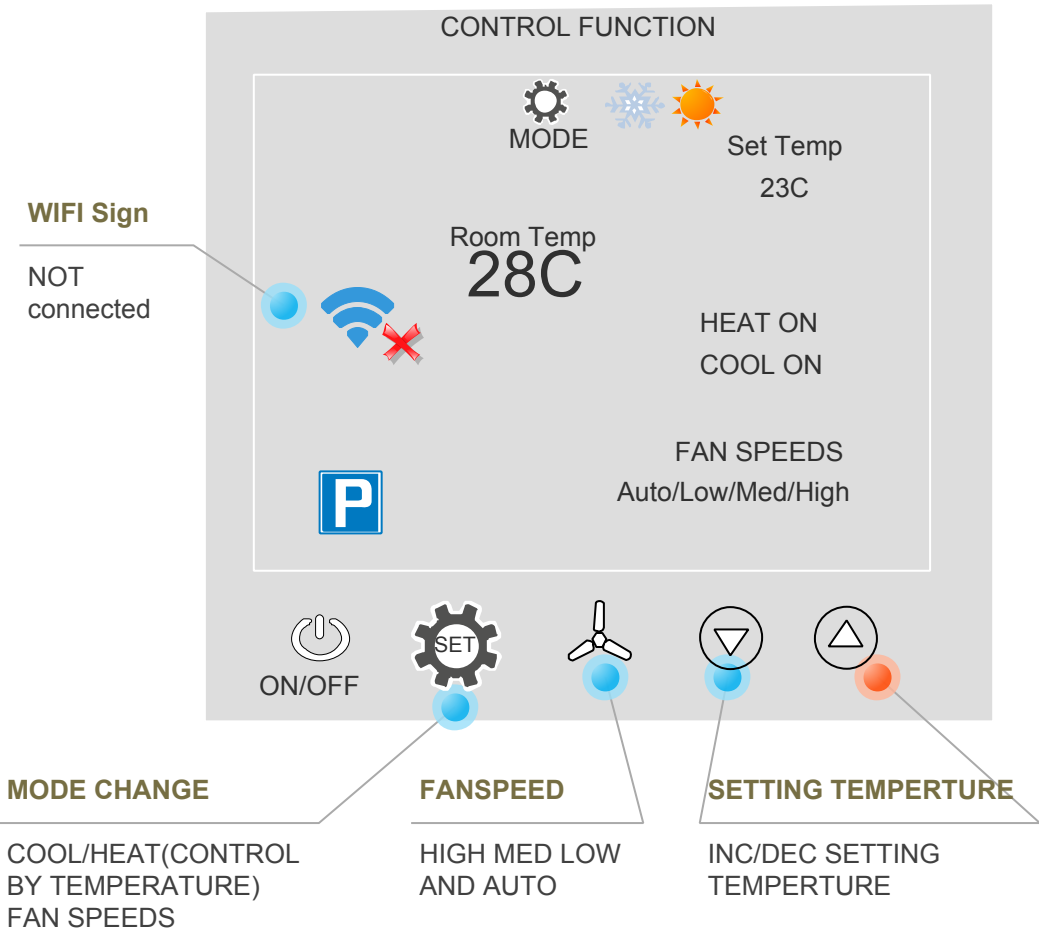
ON WHEN VENTILATION AND SUMMER KITS ON
OFF WHEN HEAT TRANSFER ON AS YOU DONT WANT HEAT PUMP BACK AGAIN

FILTERS

1X G4 FILTER FOOD GRADE
1X ACTIVE CARBON ODOR FILTER
OPTIONAL USE :USE FOR ODOR FOR 3-5 WEEKS THEN TAKE OUT TO INCREASE AIRFLOW

AC150 ACUSTIC DUCT

USE REST OF ACUSTIC DUCTING FOR OUTLET TO GET BEST SILENCE EFF
TO FIRST Y PEICE

Y151515

Y PEICE TO DIVIDE TO 2 OUTLET MORE OUTLET NEED MORE Y PEICE

ED150P

EGGCRATE INTAKE

HEAT TRANSFER

AC/ND 150

SHORT LENGTH ACUSTIC DUCT OR NUDE DUCT

ROOF

INS/NUDE 150

INSULATED/NUDE DUCTING FOR REST OF DUCTING DIFFERNT MODEL DIFFERNT DUCT SELECTION

EFL150

150MM SQUARE GRILLES

SUMMER KITS

ED150

ELECTRIC DAMPER BUILD IN SWITCH BETWWEN ROOF SPACE VENTILATION AND SUMMER KITS

PVS 225 CR-3

PVS POWER FORCE CENTRIFUGAL FAN 3SPEED 900-400M3/HR MAX WITH ALL WIRED WIRELESS THERMOSTAT CONTRLLER

AC/INUDE 150

SHORT LENGTH ACUSTIC DUCT/NUDE DUCT TO SOFTIT DUR TO LOW PITCH FOR HOUSE NUDE DUCT ARE USE TO OUTSIDE EASY TO INSTALL

CD150

ROUND CEILING DIFFUSER 150MM

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PVS TS
COOL &HEAT FUNCTION

WE HAVE WIRED & SET UP TO SUIT EACH SYSTEM
PLEASE READ THE SETUP BOOKLET CAREFULLY
BEFORE SET UP .

CONTROL FUNCTION

MODE

Set Temp
23C

Room Temp
28C

HEAT ON
COOL ON

FAN SPEEDS
Auto/Low/Med/High

WIFI Sign

NOT connected

P

ON/OFF SET

MODE CHANGE

COOL/HEAT(CONTROL
BY TEMPERATURE)
FAN SPEEDS

FANSPEED

HIGH MED LOW
AND AUTO

SETTING TEMPERTURE

INC/DEC SETTING
TEMPERTURE

**COOL MODE
SUMMERKITS&
VENTILATION**

**HEAT MODE
HEAT TRANSFER
&VENTILATION**

**Summer Day Time Cool Mode
Room Temp Above Set Temp**
COOL ON
Summer damper opening
high speeds fresh air outside

CONTROL FUNCTION

MODE

Set Temp
20C

Room Temp
28C

COOL ON

FAN SPEEDS
Auto/High

P

ON/OFF SET
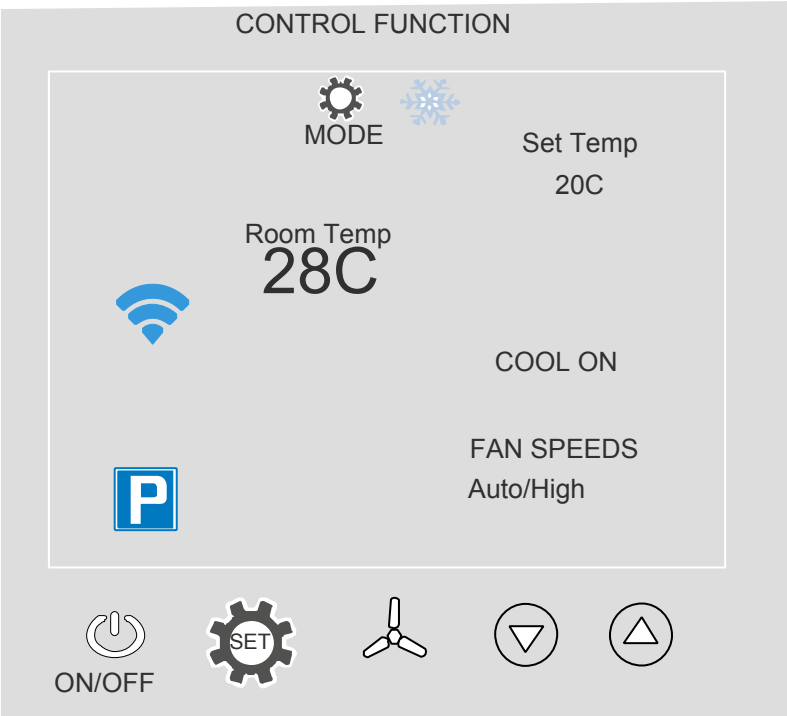
**Summer Night Time Cool Mode
Room Temp Below Set Temp**
COOL ON GONE
Roof Space Damper on Low speeds air
from roof space (can be use for winter
mode,ventilation only)

CONTROL FUNCTION

Set Temp
20C

Room Temp
18C

FAN SPEEDS
Auto/Low

P

ON/OFF SET
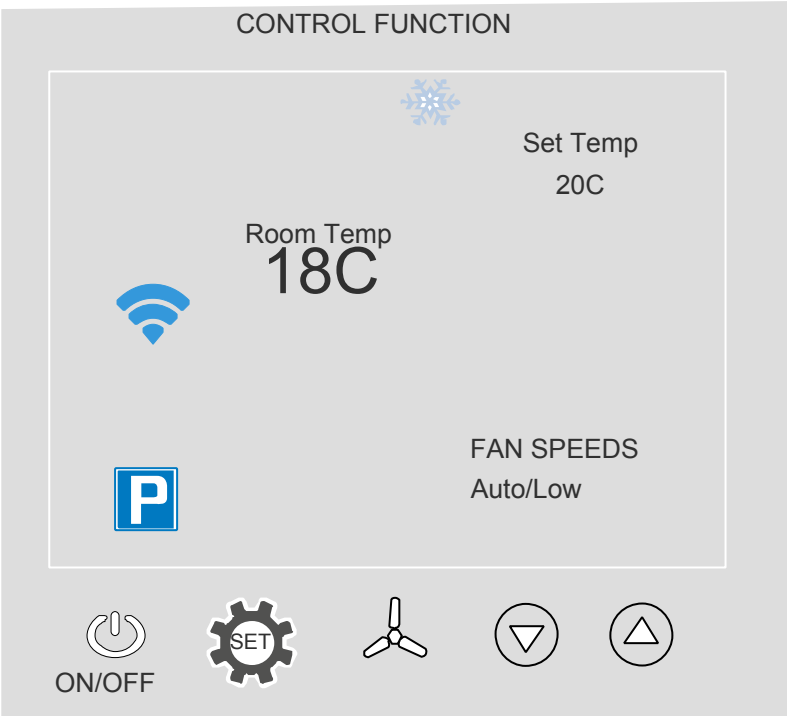
**Winter Time Heat Mode
Room Temp Below Set Temp**
HEAT ON
Heat transfer Damper opening
high speeds air from heat source

CONTROL FUNCTION
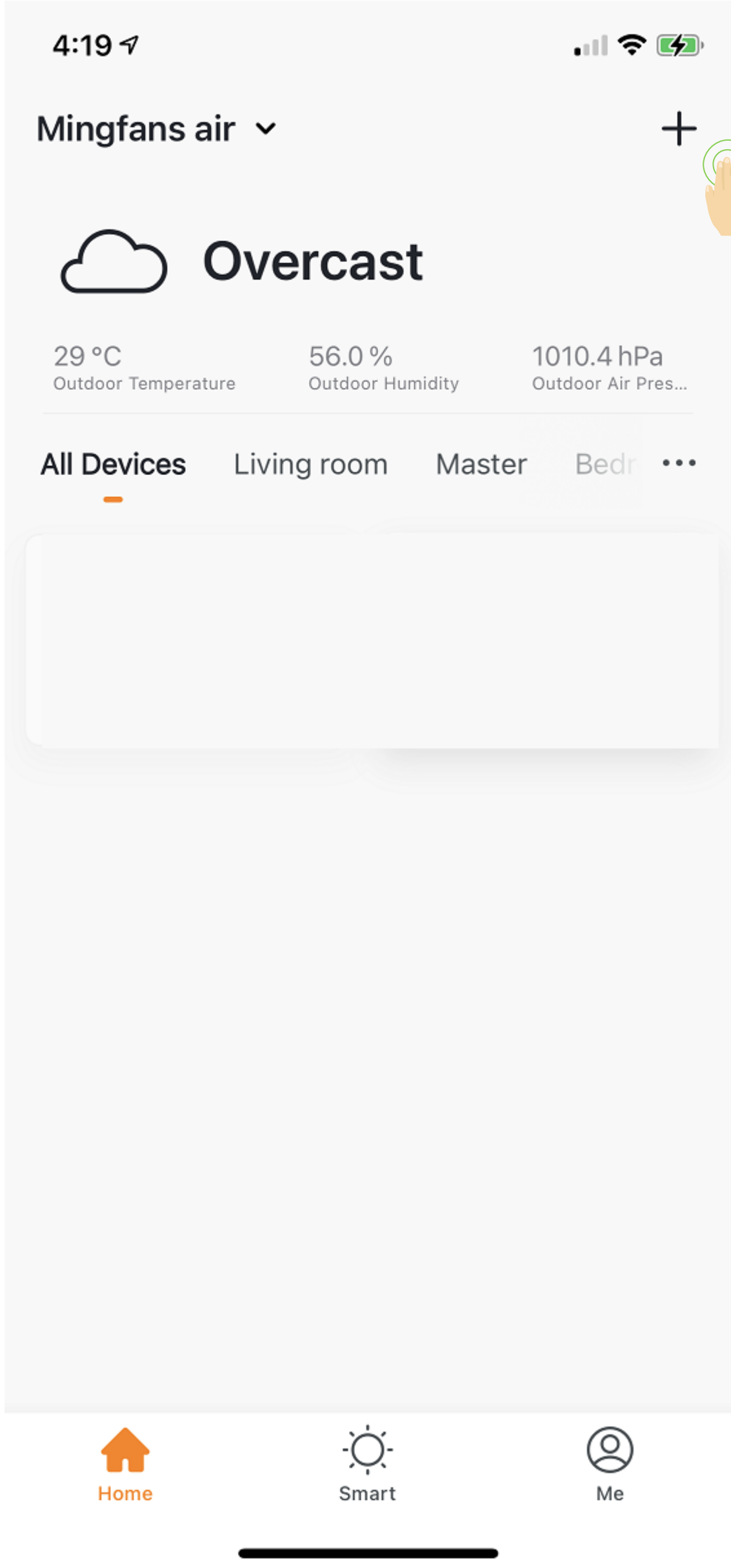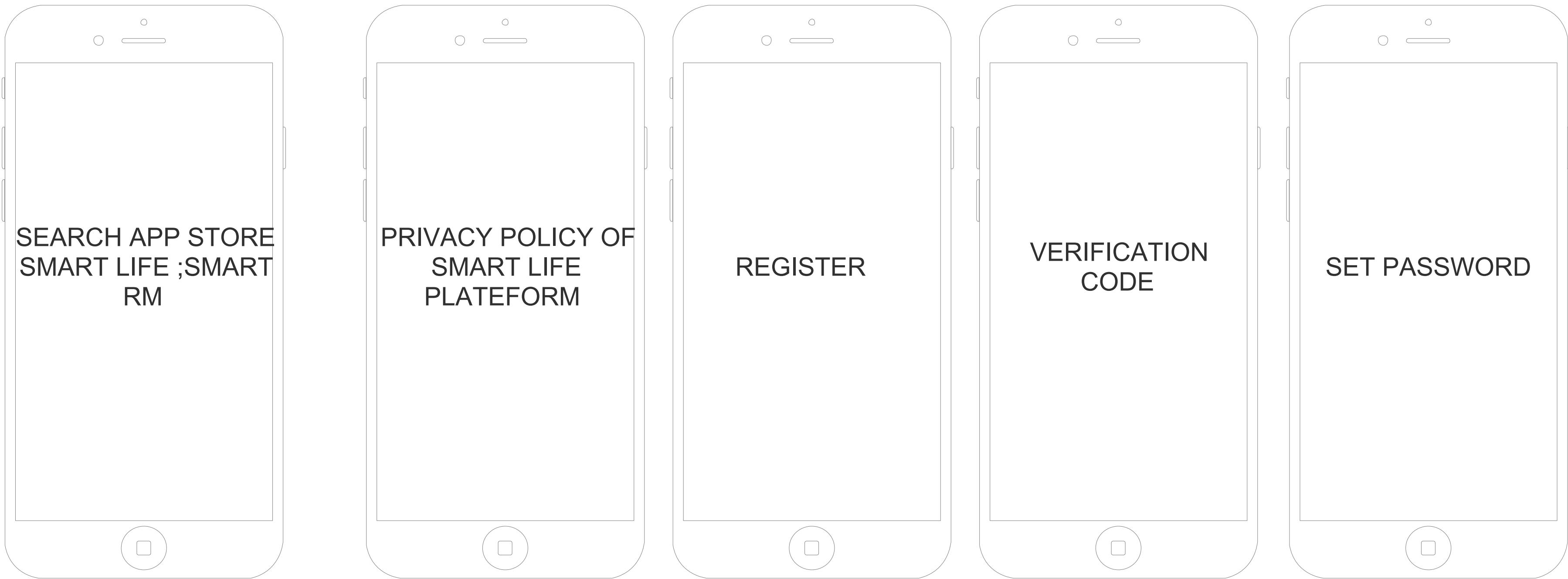
Set Temp
25C

Room Temp
20C

HEAT ON

FAN SPEEDS
Auto/High

P

ON/OFF SET

**Winter Time Heat Mode
Room Temp Below Set Temp**
HEAT ON GONE
Roof Space Damper on Low speeds
air from roof space

CONTROL FUNCTION

Set Temp
25C

Room Temp
28C

FAN SPEEDS
Auto/Low

P

ON/OFF SET

PVS TS WIFI SET UP

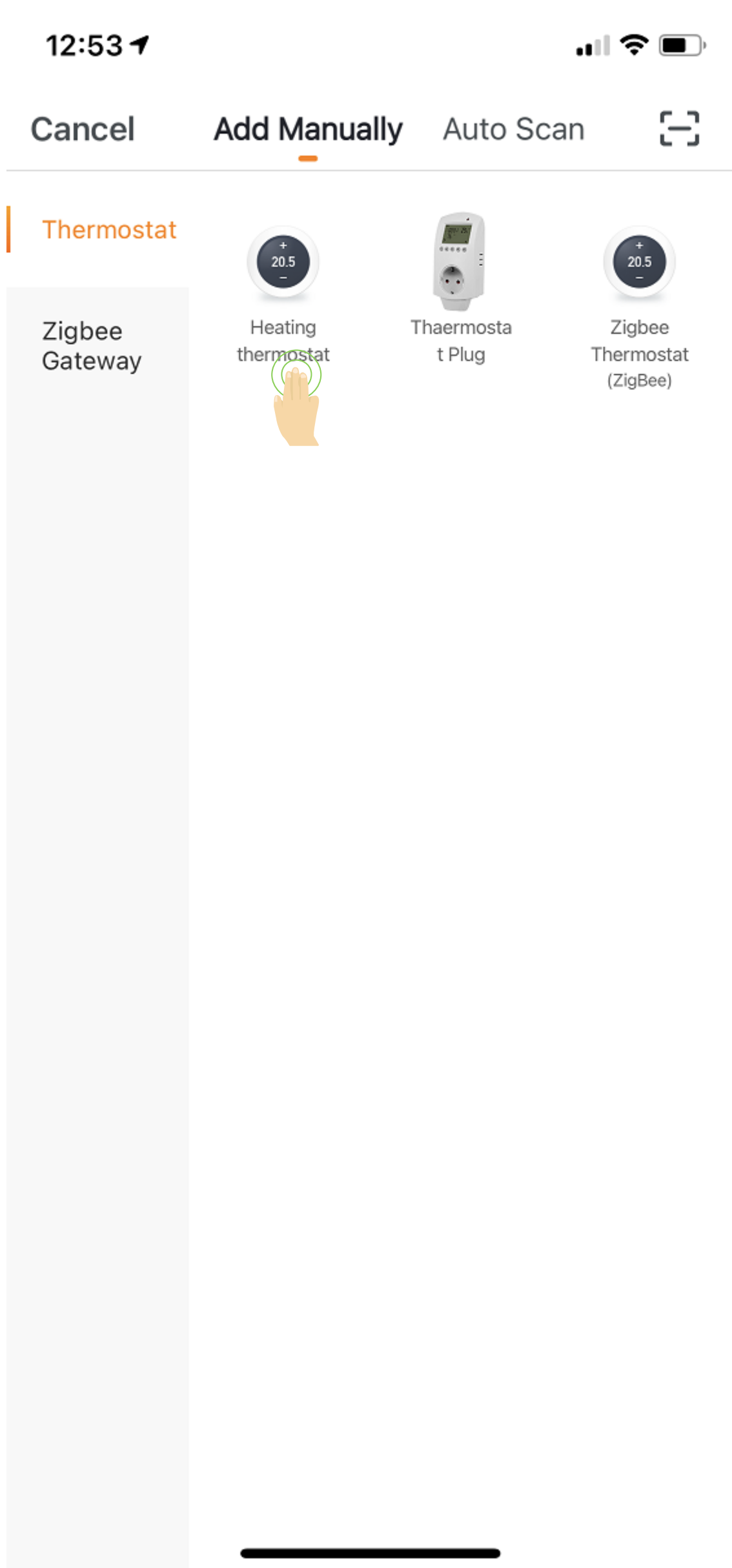**Mingfans Air Ltd**
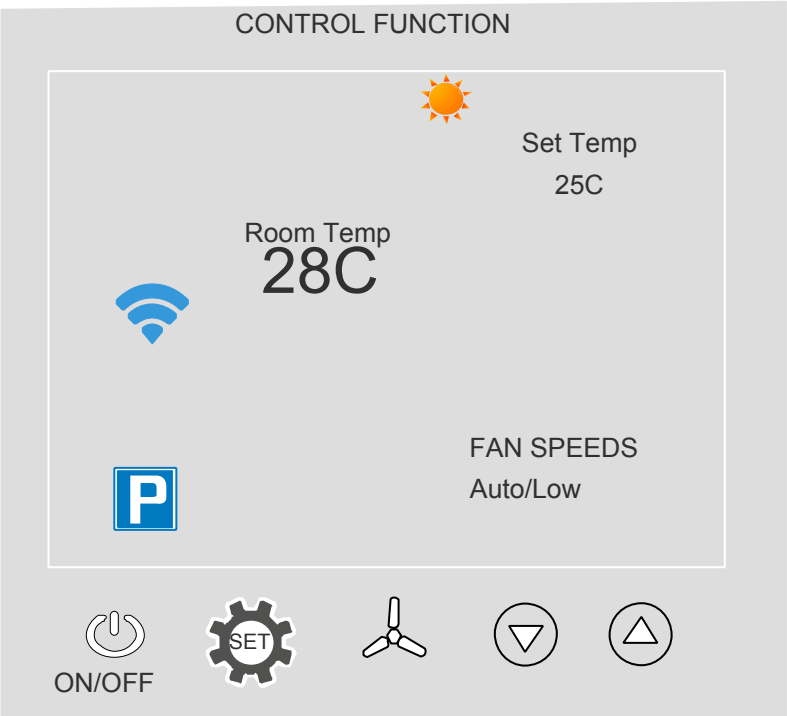
AFTER DOWNLOAD APP SMART LIFE ;SMART RM FROM APP STORE FILL UP THE REGISTRATION LET'S START TO ADD ON YOUR DEVICE
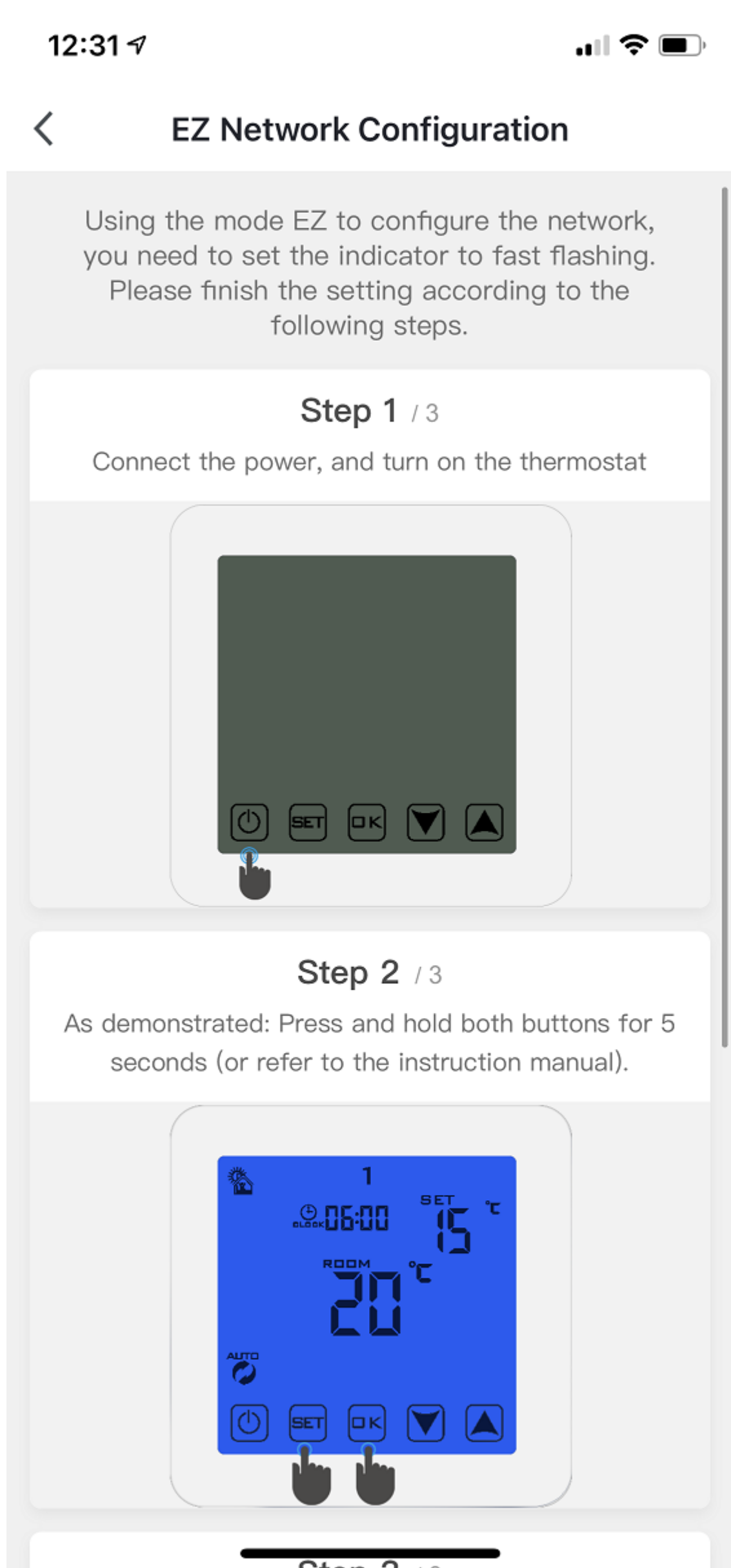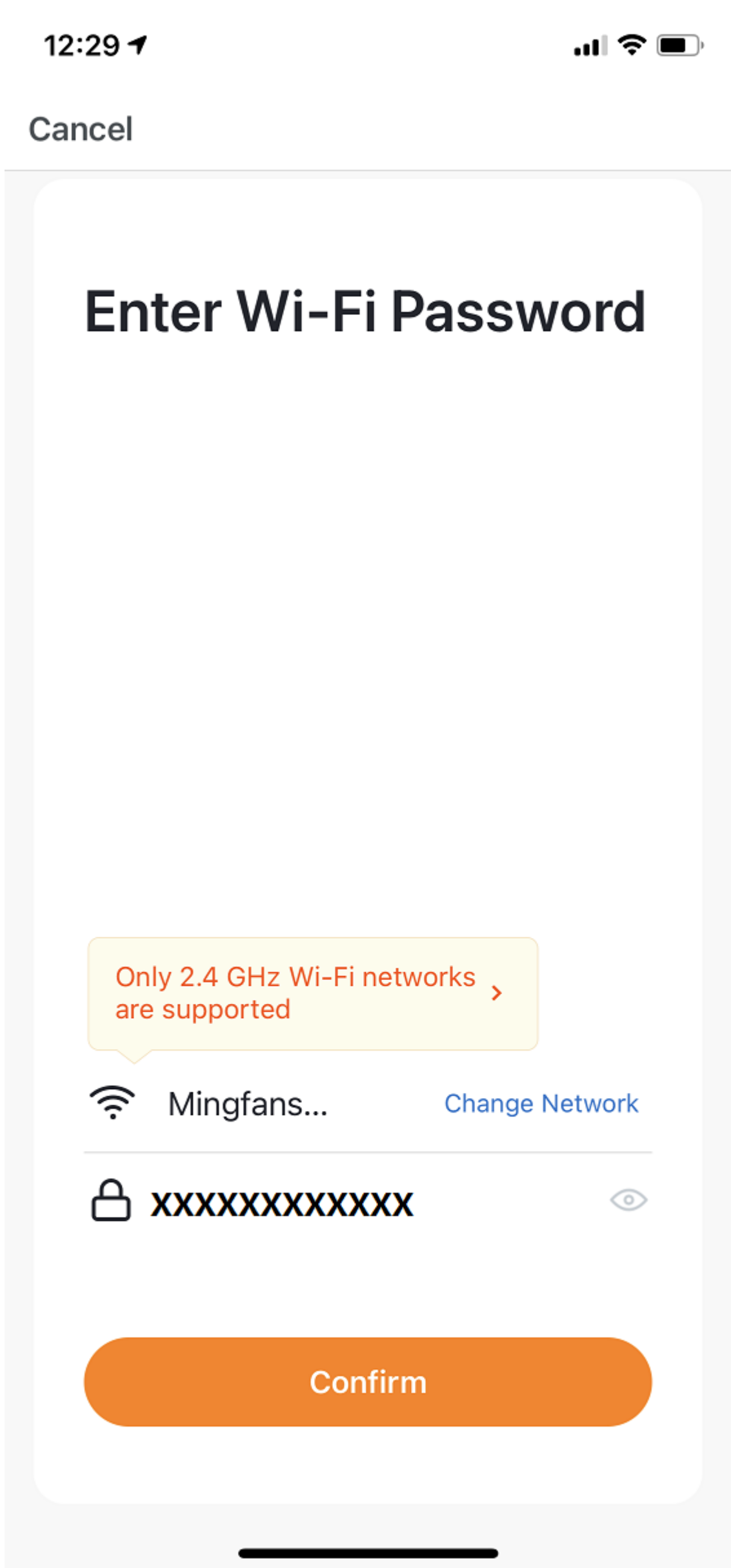
STEP 1 PRESS ADD +

STEP 2 PRESS: THERMOSTAT ICON

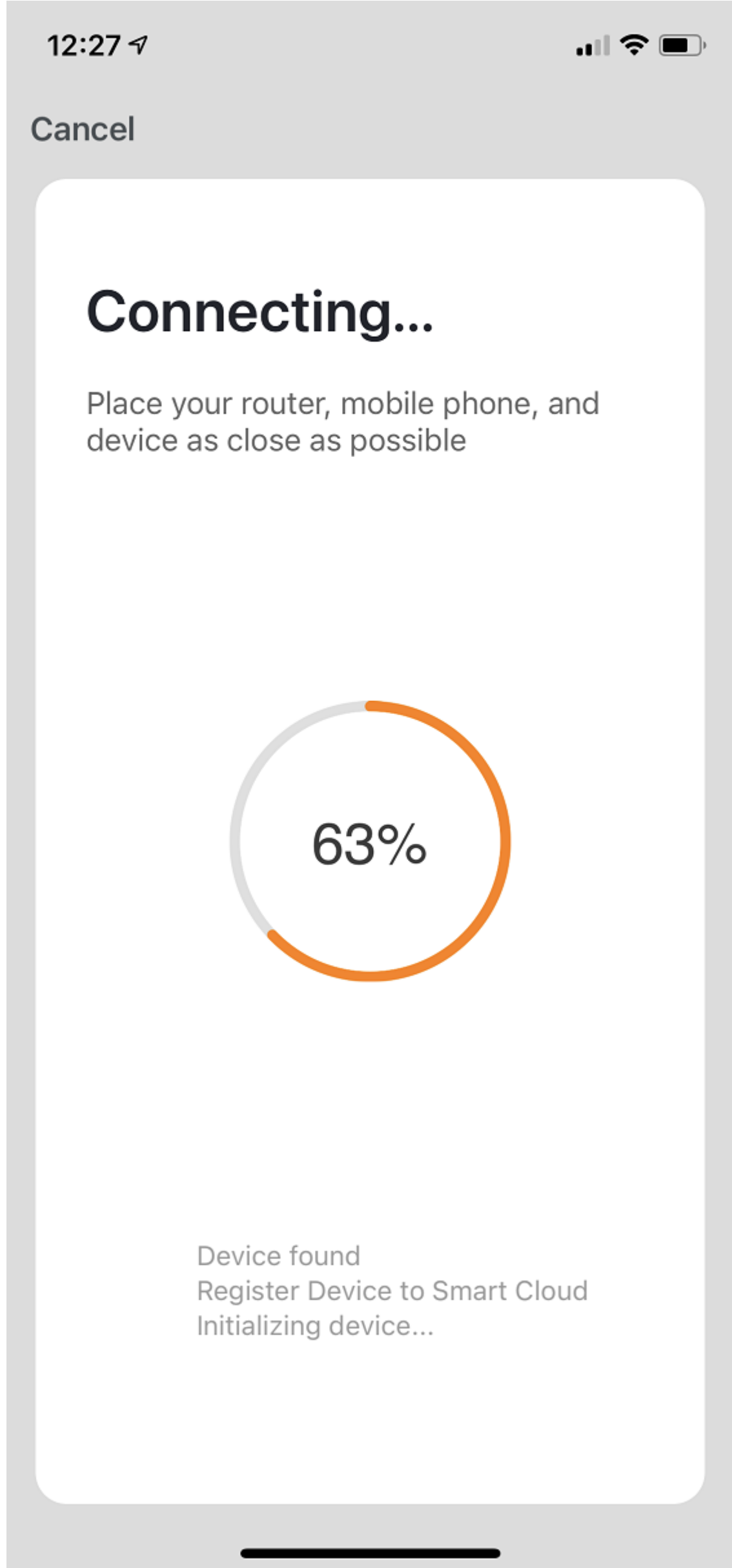STEP 3: FEEL FREE TO READ STEP 4 &5 TO ACTIVE WIFI THEN PRESS CONFIRM
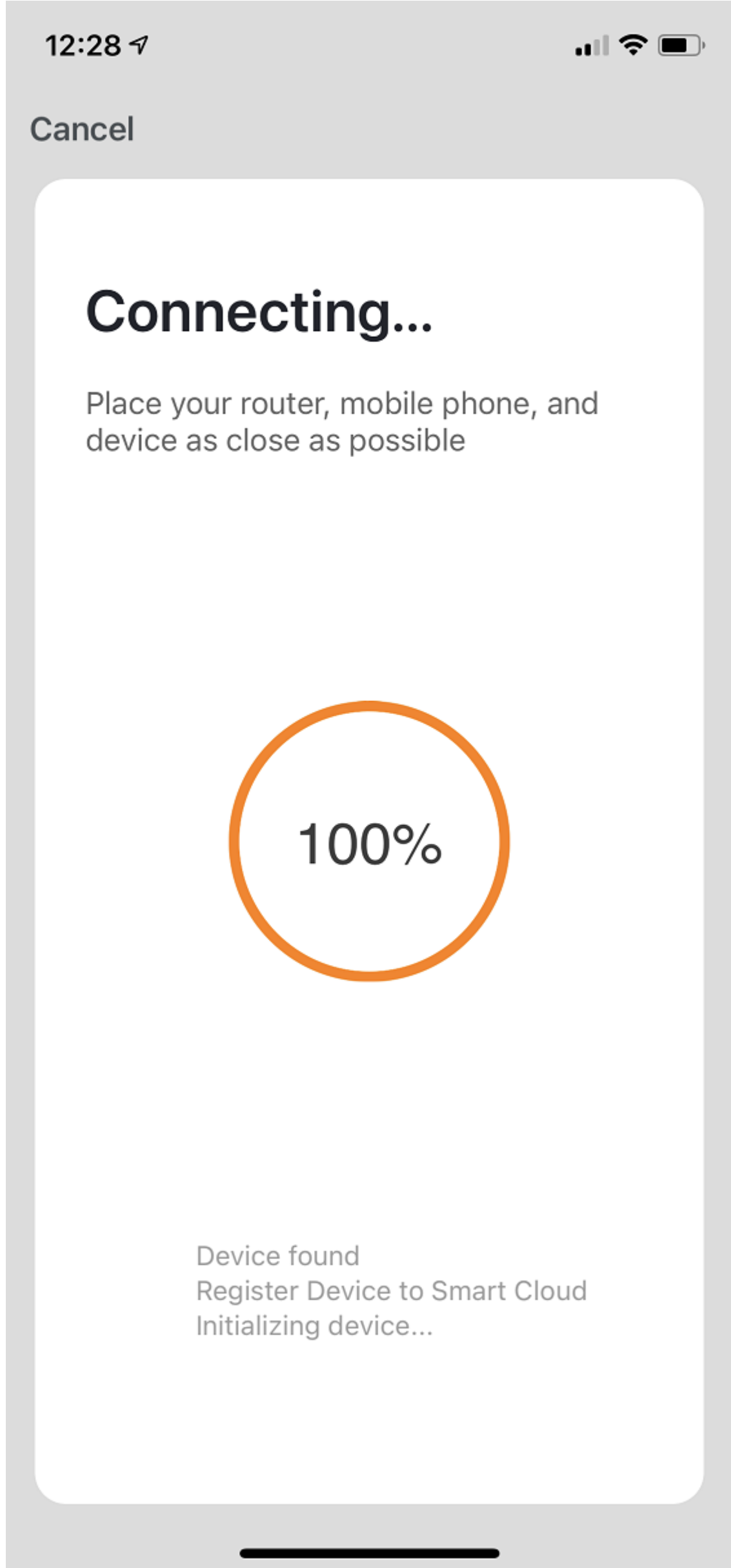
STEP 4 HOW TO ACTIVE WIIF ON CONTROL PANEL
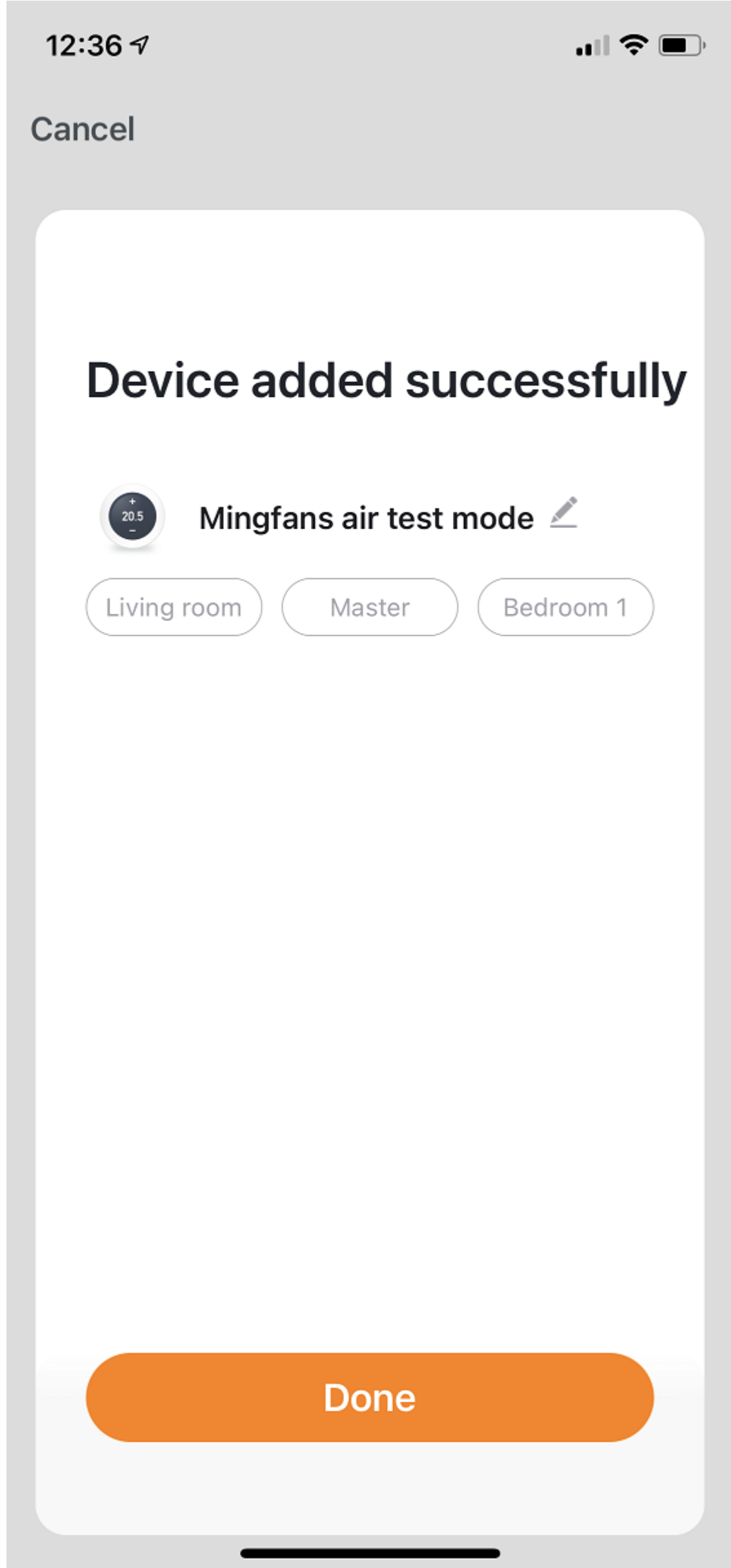
STEP 5 HOW TO ACTIVE WIIF ON CONTROL PANEL
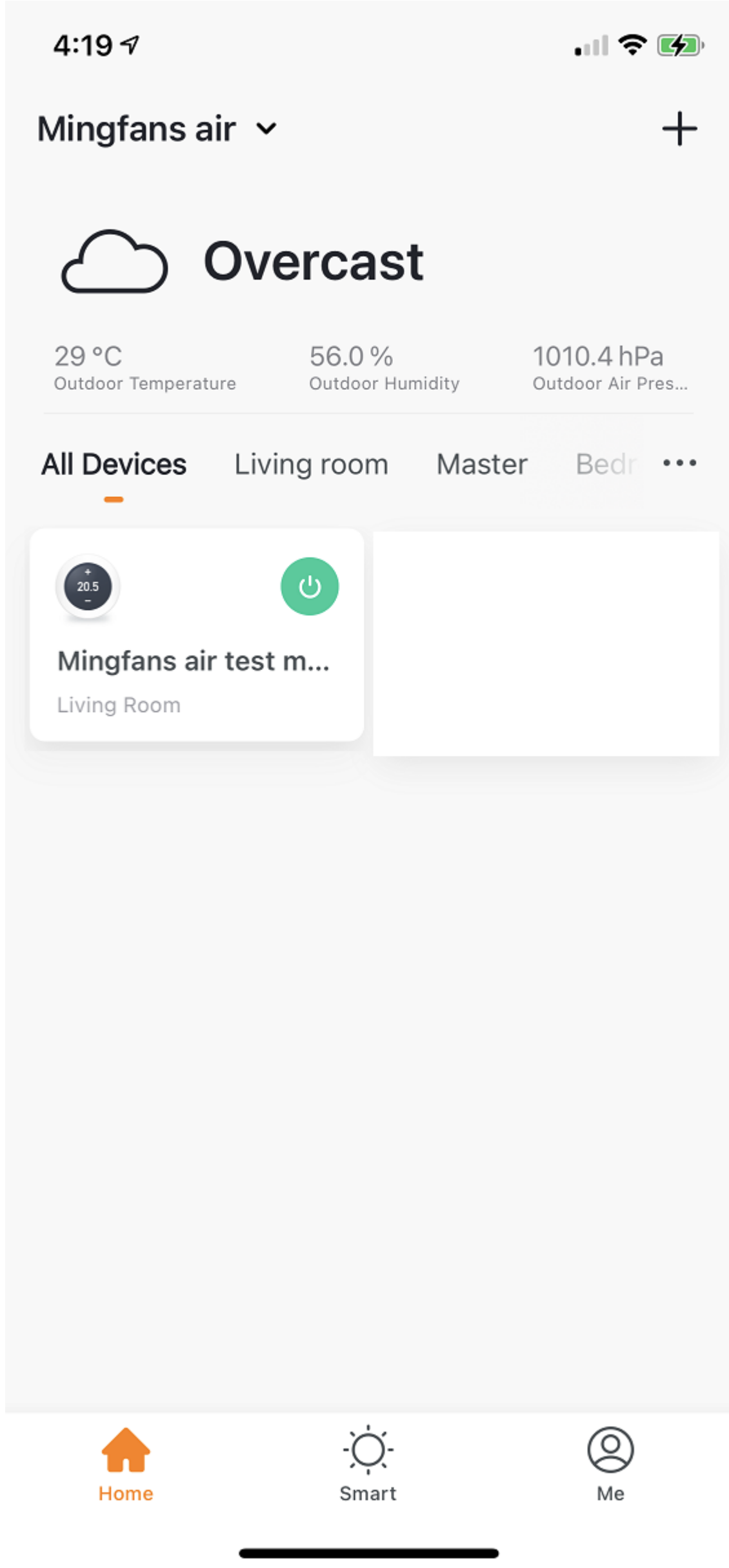
STEP 6 ENTER YOUR OWN WIFI PASSWORDS

AUTO SET UP %
PLS NOTES WIFI ON 2.4G ONLY 5G NOT ACCEPTABLE

AUTO SET UP 100%

ALL DONE

YOUR DEVICE HAS ADD ON APP YOU CAN ADD ON AS MANY SMART WIFI AS YOU WANT

PVS
APP PANEL
FUNCTION

Mingfans Air Ltd

ALL ADVANCED SET UP
REQUEST PASSWORD TO RESET
FACTORY PASSWORD "123456"

MODE CONTROL

Mode control

Cooling

Heating

Ventilate ✓

cooling heating automatically

Done

4:06
Back   Mingfans air test mode
Progaram

15.0 ℃

Current Temperature 28.0°C

Switch   Mode   Sleep mode   Settings

Ventilate   Low wind

FAN SPEEDS

Gear

Low wind ✓

Mid wind

High wind

Automatic wind

Done

ON/OFF

12:37
Back   Mingfans air test mode
Progaram

Shutdown

Cooling   Low wind

Current Temperature 27.5°C

Switch   Mode   Sleep mode   Settings

7 DAYS PROGRAM / MANUAL

mode selection

Manual ✓

Progaram

Done

SLEEP MODE ON/OFF

Sleep mode

Sleep mode ON

Sleep mode OFF ✓

Done

ADV. SETUP

4:15
Back   Settings

Child Lock ⊘

time period programming >

Cloud timing >

The following content needs to enter a password to set

temperature calibration   -1°C >

child lock type   Full lock >

Set temperature limit   35°C >

Set lower temperature limit   5°C >

fan energy saving   fan energy saving >

programming type   7 >

4:01
Back   Settings

Child Lock ⊘

Please enter a password

123456

Cancel   Save

temperature calibration   -1°C >

child lock type   Full lock >

Set temperature limit   35°C >

q w e r t y u i o p
a s d f g h j k l
z x c v b n m
123   space   return